

# Directory of Superpave Resources

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U.S. Department  
of Transportation  
**Federal Highway  
Administration**



This handy reference guide outlines the range of resources available to assist highway agencies and industry in implementing the Superpave system for asphalt mix design. The list is not exhaustive, however, as many other organizations are involved in the Superpave implementation effort. Additional information can be obtained from such sources as your FHWA Division Office or local hot-mix asphalt organization. Information on Superpave resources is also updated regularly on FHWA's web site ([www.ota.fhwa.dot.gov](http://www.ota.fhwa.dot.gov)).

## Technology Transfer Teams

### **Superpave Technology Delivery Team**

This team directs FHWA's Superpave implementation efforts and works to improve coordination with State highway agencies. Team members represent FHWA's engineering, research, technology transfer, and field offices.

Contact: Gary Henderson, FHWA  
Phone: 202-366-1549  
Fax: 202-366-9981  
Email: [gary.henderson@fhwa.dot.gov](mailto:gary.henderson@fhwa.dot.gov)

Contact: Tom Harman, FHWA  
Phone: 703-285-2772  
Fax: 703-285-3105  
Email: [tom.harman@fhwa.dot.gov](mailto:tom.harman@fhwa.dot.gov)

Contact: Charles Boyd, FHWA  
Phone: 816-276-2700  
Fax: 816-363-3347

Contact: John D'Angelo, FHWA  
Phone: 202-366-0121  
Fax: 202-366-7909  
Email: [john.d'angelo@fhwa.dot.gov](mailto:john.d'angelo@fhwa.dot.gov)



Contact: Don Voelker, FHWA  
Phone: 919-856-4347  
Fax: 919-856-4353

### **Lead States Superpave Team**

The team, which is made up of States that have taken the lead in implementing the Superpave system, provides technical support and guidance to other State highway agencies. The team also maintains a listing of a pool of technical expertise.

#### *New York*

Contact: Paul Mack, New York State DOT (Team Leader)  
Phone: 518-457-4445  
Fax: 518-485-7074  
Email: [pmack@gw.dot.state.ny.us](mailto:pmack@gw.dot.state.ny.us)

#### *Utah*

Contact: Murari Pradhan, Utah DOT  
Phone: 801-965-4521  
Fax: 801-965-4796  
Email: [src0fs01.mpradhan@state.ut.us](mailto:src0fs01.mpradhan@state.ut.us)

#### *Maryland*

Contact: Larry Michael, Maryland DOT  
Phone: 301-678-6134  
Fax: 301-678-5190  
Email: [lmichael@sha.state.md.us](mailto:lmichael@sha.state.md.us)

#### *Florida*

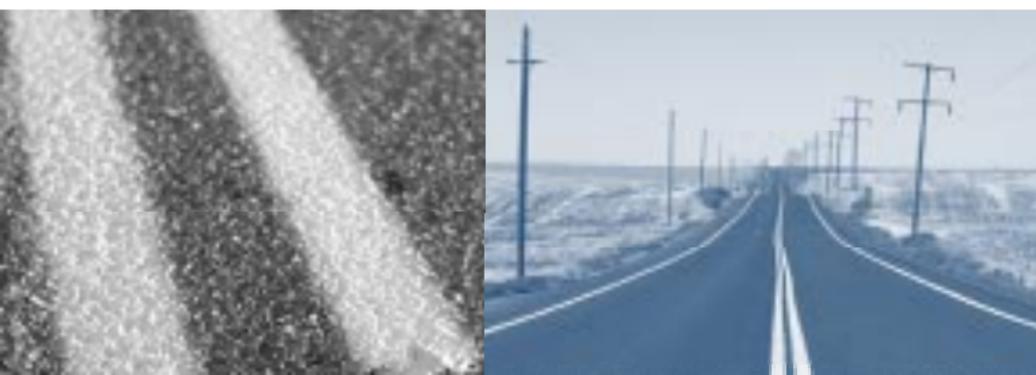
Contact: Jim Musselman, Florida DOT  
Phone: 352-337-3150  
Fax: 352-334-1648

#### *Indiana*

Contact: Rick Smutzer, Indiana DOT  
Phone: 317-232-5280  
Fax: 317-356-9351

#### *Texas*

Contact: Maghsoud Tahmoressi, Texas DOT  
Phone: 512-232-1903  
Fax: 512-232-1939



## Training and Technical Support

### **National Asphalt Training Center (NATC)**

The NATC holds 1-week training sessions, as well as other shorter workshops, on different aspects of the Superpave system, including binder testing, volumetric mix design, and mix analysis.

Contact: Mande Hall  
Phone: 606-288-4964  
Fax: 606-288-4999  
Email: [seminars@asphaltinstitute.org](mailto:seminars@asphaltinstitute.org)

### **National Highway Institute (NHI)**

NHI offers a range of Superpave training courses, including sessions targeted to senior managers, engineers, and local governments. The courses can be sponsored by State and local highway agencies, FHWA field offices, industry groups, engineering firms, universities, and other organizations.

Contact: Pat Lees  
Phone: 703-235-0524  
Fax: 703-235-0593

### **Superpave Regional Centers**

Operated jointly by universities and State departments of transportation, these centers bring the Superpave equipment and procedures to engineers and technicians in their regions. Some centers also provide training.

#### *Northeastern Superpave Regional Center*

Contact: Anne Stonex  
Phone: 814-863-5789  
Fax: 814-865-3039  
Email: [superpave@psu.edu](mailto:superpave@psu.edu)  
Web Address: [www.superpave.psu.edu](http://www.superpave.psu.edu)

#### *North Central Superpave Regional Center*

Contact: Rebecca McDaniel  
Phone: 765-463-2317  
Fax: 765-497-2402  
Email: [rsmcdani@ecn.purdue.edu](mailto:rsmcdani@ecn.purdue.edu)  
Web Address: [www.ce.ecn.purdue.edu/~spave/](http://www.ce.ecn.purdue.edu/~spave/)



*Southeastern Superpave Regional Center*

Contact: Doug Hanson  
Phone: 334-844-6240  
Fax: 334-844-6248  
Email: dhanson@eng.auburn.edu

*South Central Superpave Center*

Contact: Bob McGennis  
Phone: 512-475-7912  
Fax: 512-475-7914  
Email: bmcgennis@mail.utexas.edu  
Web Address: [www.utexas.edu/research/superpave](http://www.utexas.edu/research/superpave)

*Western Superpave Regional Center*

Contact: Jon Epps  
Phone: 702-784-6873  
Fax: 702-784-1429  
Email: epps@unr.edu

**Mobile Asphalt Laboratories**

FHWA's two mobile asphalt laboratories are staffed with technicians and engineers skilled in the Superpave procedures. The laboratories are available to visit Superpave construction projects and other sites.

Contact: John D'Angelo, FHWA  
Phone: 202-366-0121  
Fax: 202-366-7909  
Email: [john.d'angelo@fhwa.dot.gov](mailto:john.d'angelo@fhwa.dot.gov)

**University of Maryland Superpave Models Project Team**

The Superpave models team is working to complete the Superpave software validation and development process begun under SHRP.

Contact: Matt Witczak, University of Maryland  
Phone: 301-405-0305  
Fax: 301-405-6230  
Email: [witczak@eng.umd.edu](mailto:witczak@eng.umd.edu)  
Web Address: [www.ence.umd.edu/superpave](http://www.ence.umd.edu/superpave)



### **Asphalt User-Producer Groups**

The asphalt user-producer groups, which include representatives from State highway agencies and industry, work to encourage the adoption of the Superpave system in their regions.

#### *Northeast*

Contact: Frank Fee, Koch Materials  
Phone: 609-428-8808 x112  
Fax: 609-963-0011

#### *Southeast*

Contact: Doug Hanson, National Center for Asphalt Technology  
Phone: 334-844-6240  
Fax: 334-844-6248  
Email: [hansondi@eng.auburn.edu](mailto:hansondi@eng.auburn.edu)

#### *North Central*

Contact: John Volker, Wisconsin DOT  
Phone: 608-246-7930  
Fax: 608-246-4669  
Email: [jvolker@mail.state.wi.us](mailto:jvolker@mail.state.wi.us)

#### *Rocky Mountain*

Contact: Bob Rask, Asphalt Institute  
Phone: 303-798-1950  
Fax: 303-738-9627  
Email: [rastamb@aol.com](mailto:rastamb@aol.com)

#### *Pacific Coast*

Contact: Rick Holmgreen, Shell Oil Company  
Phone: 281-544-8257  
Fax: 281-544-8150  
Email: [holmgreen@shellus.com](mailto:holmgreen@shellus.com)

### **FHWA Bituminous Mixtures Lab**

Lab staff are evaluating the Superpave shear tester and the indirect tensile tester.

Contact: Kevin Stuart, FHWA  
Phone: 703-285-2627  
Fax: 703-285-3105  
Email: [kevin.stuart@fhwa.dot.gov](mailto:kevin.stuart@fhwa.dot.gov)



## Online Technical Support

### **Washington State Department of Transportation (WSDOT) SHRP Evaluation & Implementation Database**

This database, which consists of a series of linked pages that can be easily browsed, allows users to learn from others' experiences with SHRP technologies, including Superpave. The database can be found at [www.wsdot.wa.gov/fossc/OTA/SHRP](http://www.wsdot.wa.gov/fossc/OTA/SHRP).

Contact: Chryl A. Garces, WSDOT  
Phone: 360-705-7509  
Fax: 360-705-6889  
Email: [cgarces@wsdot.wa.gov](mailto:cgarces@wsdot.wa.gov)

### **Superpave Online Discussion Group**

Hosted by the Washington State Department of Transportation (WSDOT), the online discussion group is open to transportation professionals from transportation agencies, industry, and academia. To subscribe, go to the discussion group section of the WSDOT SHRP Evaluation & Implementation Database ([www.wsdot.wa.gov/fossc/OTA/SHRP/discussion](http://www.wsdot.wa.gov/fossc/OTA/SHRP/discussion)) and fill out the subscription form. Alternately, send an email message to [shrp@wsdot.wa.gov](mailto:shrp@wsdot.wa.gov). In the message, type: SUBSCRIBE SUPERPAV {your full name}.

Contact: Chryl A. Garces, WSDOT  
Phone: 360-705-7509  
Fax: 360-705-6889  
Email: [cgarces@wsdot.wa.gov](mailto:cgarces@wsdot.wa.gov)

### **SHRP Information Clearinghouse**

The Clearinghouse provides timely information on the national effort to implement Superpave and other SHRP products. Features include a listing of SHRP publications, a calendar of upcoming events, and a directory of persons associated with SHRP implementation. The Clearinghouse is available on the World Wide Web ([www.hend.com/shrp/shrp](http://www.hend.com/shrp/shrp)) and through a dial-up service.

Contact: Kimeerly Moody at Henderson Associates  
(to obtain software for dial-up service)  
Phone: 202-463-1935  
Fax: 202-463-1970  
Email: [kmoody@radix.net](mailto:kmoody@radix.net)



## Advisory Groups

### **Asphalt Technical Working Group (TWG)**

The Asphalt TWG, which includes representatives from highway agencies, asphalt suppliers, contractors, academia, and FHWA, provides guidance on ways to encourage the adoption of the Superpave system by the highway industry.

Contact: Don Steinke, FHWA  
Phone: 202-366-0392  
Fax: 202-366-9981  
Email: [don.steinke@fhwa.dot.gov](mailto:don.steinke@fhwa.dot.gov)

### **Binder Expert Task Group (ETG)**

The binder ETG assists the Asphalt TWG by providing more specialized guidance on the testing and adoption of the Superpave binder specification.

Contact: John D'Angelo, FHWA  
Phone: 202-366-0121  
Fax: 202-366-7909  
Email: [john.d'angelo@fhwa.dot.gov](mailto:john.d'angelo@fhwa.dot.gov)

### **Mix Expert Task Group**

The mix ETG also assists the Asphalt TWG by advising on the testing and implementation of Superpave asphalt mixes.

Contact: John Bukowski, FHWA  
Phone: 202-366-1287  
Fax: 202-366-9981  
Email: [john.bukowski@fhwa.dot.gov](mailto:john.bukowski@fhwa.dot.gov)

### **Superpave Models/Software Expert Task Group**

This ETG advises on the development and distribution of the Superpave software and the refinement of the Superpave performance prediction models.

Contact: Katherine Petros, FHWA  
Phone: 202-366-1340  
Fax: 202-366-9981  
Email: [katherine.petros@fhwa.dot.gov](mailto:katherine.petros@fhwa.dot.gov)

### **Accelerated Pavement Testing Expert Task Group**

The ETG provides guidance on accelerated pavement tests, including ones to determine the effect of different Superpave binder grades on asphalt mixes.



Contact: Tom Harman, FHWA  
Phone: 703-285-2772  
Fax: 703-285-3105  
Email: tom.harman@fhwa.dot.gov

Contact: Chris Williams, FHWA  
Phone: 703-285-1018  
Fax: 703-285-2767  
Email: ronald.c.williams@fhwa.dot.gov

## Standards

### ***AASHTO Provisional Standards***

Publication Code PS-96 and PS-97I

Contact: American Association of State Highway and  
Transportation Officials

Phone: 1-800-231-3475  
Fax: 1-800-525-5562

## Publications

### ***Superpave Asphalt Binder Test Methods: An Illustrated Overview***

Publication No. FHWA-SA-94-068

Contact: John Bukowski, FHWA

Email: john.bukowski@fhwa.dot.gov

### ***Background of Superpave Asphalt Binder Test Methods***

Publication No. FHWA-SA-94-069

Contact: John Bukowski, FHWA

Email: john.bukowski@fhwa.dot.gov

### ***Background of Superpave Asphalt Mixture Design and Analysis***

Publication No. FHWA-SA-95-003

Contact: John Bukowski, FHWA

Email: john.bukowski@fhwa.dot.gov

### ***Superpave Asphalt Mixture Design: Illustrated Level 1 Lab Methods***

Publication No. FHWA-SA-95-004

Contact: John Bukowski, FHWA

Email: john.bukowski@fhwa.dot.gov



***Guidelines for the Design of Superpave Mixtures Containing Reclaimed Asphalt Pavement (RAP)***

Contact: John Bukowski, FHWA  
Email: john.bukowski@fhwa.dot.gov

***Observations of Field Experience with Superpave Projects Constructed in 1996***

Contact: Dwight Walker, Asphalt Institute  
Email: dwalker@asphaltinstitute.org

***SHRP Superpave Research Reports and CD-ROM Library***

Copies of research reports on Superpave published by SHRP are available from the Transportation Research Board. These reports are also available on CD-ROM.

Contact: Transportation Research Board  
Phone: 202-334-3214  
Fax: 202-334-2519  
Web Address: [www2.nas.edu/trbbooks/SHRP1.html](http://www2.nas.edu/trbbooks/SHRP1.html)

***Focus Newsletter***

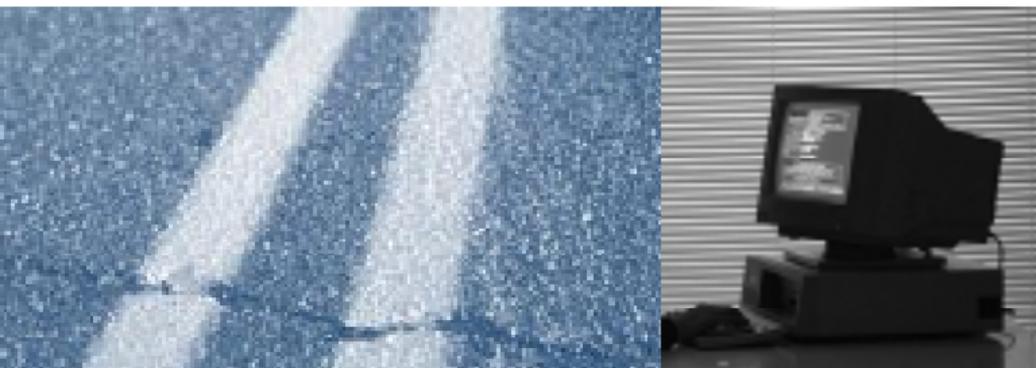
This monthly FHWA publication covers how Superpave and other SHRP products are being used to build better, safer roads.

Contact: Harrington-Hughes & Associates, Inc.  
Phone: 202-347-1414  
Fax: 202-347-6938  
Email: [kathrynhh@harrington-hughes.com](mailto:kathrynhh@harrington-hughes.com)  
Web Address: [www.ota.fhwa.dot.gov/pubs/](http://www.ota.fhwa.dot.gov/pubs/)

***Superpave Models***

Published by the University of Maryland Superpave project team, this periodical provides tips, techniques, and information for users of the Superpave performance models and software.

Contact: Harrington-Hughes & Associates, Inc.  
Phone: 202-347-1414  
Fax: 202-347-6938  
Email: [kathrynhh@harrington-hughes.com](mailto:kathrynhh@harrington-hughes.com)  
Web Address: [www.ence.umd.edu/superpave](http://www.ence.umd.edu/superpave)



**RoadSavers Case Studies**

Publication No. FHWA-SA-96-045

The RoadSavers case studies detail how States are using Superpave and other SHRP products to improve the condition and safety of their roads. Twenty case studies on the Superpave system are now available.

Contact: FHWA Research and Technology Report Center  
Phone: 301-577-0818  
Fax: 301-577-1421

***The Superpave System: New Tools for Designing and Building More Durable Asphalt Pavements***

Publication No. FHWA-SA-96-010

This brochure provides an overview of the Superpave system and its implementation.

Contact: FHWA Research and Technology Report Center  
Phone: 301-577-0818  
Fax: 301-577-1421

***The Superpave Regional Centers: A Partnership for Better Pavements***

Publication No. FHWA-SA-96-082

The brochure looks at the leadership that the five regional centers are providing in Superpave implementation.

Contact: FHWA Research and Technology Report Center  
Phone: 301-577-0818  
Fax: 301-577-1421

***Understanding Superpave Mix Design***

Produced by FHWA and the National Asphalt Pavement Association, this 12-minute videotape provides a brief introduction to the Superpave mix design system.

Contact: National Asphalt Pavement Association  
Phone: 301-731-4748  
Fax: 301-731-4621



***Superpave: Tomorrow's Pavements Today***

Produced by the New York State Department of Transportation and FHWA's New York Division, this videotape describes how the highway agency and industry are working to move forward with implementation of the Superpave system.

Contact: FHWA Research and Technology Report Center

Phone: 301-577-0818

Fax: 301-577-1421

***The Superpave System: Better Roads Ahead***

Publication No. FHWA-SA-97-033

This brochure summarizes a recent economic analysis of Superpave implementation.

Contact: FHWA Research and Technology Report Center

Phone: 301-577-0818

Fax: 301-577-1421



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